

CEE 2025

# DISCRETE COMPONENT TRAINER

“CROWN” made DISCRETE COMPONENT TRAINER to determine the construction & working of various Electronic Components.

## SPECIFICATION:

- 1) In built DC Regulated Power Supply  $\pm 12V/250mA$  &  $\pm 5V/250mA$ .
- 2) AC Power Supply 9-0-9V/500mA.
- 3) 4 no. Logic Input with toggle switch.
- 4) 4 no. Digital Output indicator.
- 5) 12 no. Different types of Resistances ( Wire Wound , Carbon Film & Metal Film Resistor).
- 6) 12 no. Different types of Capacitors ( Ceramic, Polyester & Electrolytic capacitor)
- 7) 9 no. Different types of diodes ( Si diode, Ge diode, Zener diode, Photo diode & Light Emitting diode )
- 8) One no. Diac.
- 9) 2 no. PNP & NPN Transistors.
- 10) One no. FET.
- 11) One no. UJT.
- 12) One no. TRIAC.
- 13) One no. SCR.
- 14) One no. MOSFET.
- 15) One no. Thermister
- 16) One no. Solar Cell.
- 17) One no. Speaker.
- 18) Two no. Voltage Regulators ( 7805&7905)
- 19) Two no. Potentiometers ( 1 K $\Omega$  & 10K $\Omega$ )
- 20) One no. Relay.
- 21) One 14 Pin IC Base.

## OPTIONAL ACC.

- \* Digital Multimeter.



## CROWN ELECTRONIC SYSTEMS

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